

EXHIBIT A
PENDING CLAIMS AFTER ENTRY OF AMENDMENT

1. (amended) An isolated polynucleotide comprising a polynucleotide selected from the group consisting of:
 - (a) a polynucleotide having the nucleotide sequence of SEQ ID NO: 1, 12 or 14;
 - (b) a polynucleotide having the nucleotide sequence of the cDNA insert of clone pIL-1Hy2 (ATCC Accession No. PTA-96);
 - (c) a polynucleotide having the IL-1Hy2 protein coding nucleotide sequence of a polynucleotide of (a) or (b).

2. (amended) An isolated polynucleotide encoding a polypeptide with IL-1Hy2 activity, comprising a polynucleotide selected from the group consisting of:
 - (a) polynucleotides that encode the amino acid sequence of SEQ ID NO: 2;
 - (b) polynucleotides that encode the amino acid sequence of SEQ ID NO: 13 and
 - (c) polynucleotides that encode the protein encoded by the cDNA insert of clone pIL-1Hy2.

3. (amended) An isolated polynucleotide encoding a polypeptide that specifically binds the nucleotide sequence of SEQ ID NO: 1, 12 or 14, wherein said polynucleotide hybridizes to the complement of a polynucleotide of any one of claims 1 or 2 under the following stringent conditions:
 - (a) hybridization at 65°C in a solution containing 0.5 M NaHPO₄, 7% sodium dodecyl sulfate (SDS), and 1 mM EDTA; and
 - (b) washing at 68°C in a solution containing 0.1 x SSC and 0.1% SDS.

4. The polynucleotide of any one of claims 1 through 3 which is a DNA.

6. (amended) The polynucleotide of claim 3 which is selected from the group consisting of polynucleotides having the IL-1Hy2 protein coding sequence of SEQ ID NO: 1 and comprising one or more of the following nucleotide changes: T125C, C184T and A205C.

7. An isolated polynucleotide which comprises a complement of the polynucleotide of Claim 1.

8. An expression vector comprising the DNA of Claim 4.

9. A host cell genetically engineered to contain the DNA of Claim 4.

10. A host cell genetically engineered to contain the DNA of Claim 4 in operative association with a regulatory sequence that controls expression of the DNA in the host cell.

20. (amended) A method of producing IL-1Hy2 polypeptide wherein the method comprises:

- a) culturing the host cell of claim 9 for a period of time sufficient to express the polypeptide contained within said cell; and
- b) isolating the polypeptide from the cell of step a.